

# Going Green

## Functional requirements

- Users can create an account
- Logged in users:
  - Make a request to add a product
  - Customers can get a quote for their product via email
  - View product status: received, assessed, recycled, sold
- The company can manage the types of electronics that are accepted
- The company can change the original quote

## Nonfunctional requirements

- The app can have thousands to millions users
- The app protects customers private data
- Each request should be processed within 10 seconds
- Emails should be sent with a latency of no greater than 24 hours

## Project structure

<https://github.com/Al3xBM/Going-Green>

Project stack - .NET 5/6; Blazor/Razor/Angular/React

ADH - [https://en.wikipedia.org/wiki/Architectural\\_decision](https://en.wikipedia.org/wiki/Architectural_decision)

C4 Model diagrams

SQ instance

Bonus

AI/ML:

- The app should be able to classify the electronics
- The app should be able to predict the price of the product

CI/CD pipeline